



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4999

SERIAL NUMBER 10/674,676	FILING DATE 09/30/2003 RULE	CLASS 707	GROUP ART UNIT 2161	ATTORNEY DOCKET NO. MSFT-2557/304882.01
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Marc A. Najork, Palo Alto, CA;
 Chandramohan A. Thekkath, Palo Alto, CA;
 Lidong Zhou, Sunnyvale, CA;

** CONTINUING DATA *****

None B.S. 3/16/06

** FOREIGN APPLICATIONS *****

None B.S. 3/16/06

F REQUIRED, FOREIGN FILING LICENSE GRANTED

* 12/22/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Met after Allowance			
/verified and Acknowledged	<u>None</u>	<u>B.S.</u> Initials	11	56	9

ADDRESS

41505
 WOODCOCK WASHBURN LLP (MICROSOFT CORPORATION)
 ONE LIBERTY PLACE - 46TH FLOOR
 PHILADELPHIA , PA
 19103

TITLE

Systems and methods for logging and recovering updates to data structures

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
RECEIVED 1902		